

WHAT IS CLAIMED IS:

1. An SCR muffler which comprises:

an SCR catalyst for selectively reducing and purging nitrogen oxide (NOx) contained in exhaust gas;

5 an exhaust pipe that allows the exhaust gas to flow into the SCR catalyst; and

a reducing agent, etc., supplying nozzle that supplies a reducing agent or a reducing agent precursor to the exhaust gas,

characterized in that the reducing agent, etc., supplying
10 nozzle is of a double pipe structure.

2. The SCR muffler according to claim 1, characterized in that a heat retaining material is provided in between an inner pipe and an outer pipe that form the double pipe structure.

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3. The SCR muffler according to claim 1, characterized in that there is a space defined between an inner pipe and an outer pipe that form the double pipe structure.

20 4. An SCR muffler which comprises:

an SCR catalyst for selectively reducing and purging nitrogen oxide (NOx) contained in exhaust gas;

an exhaust pipe that allows the exhaust gas to flow into the SCR catalyst; and

25 a reducing agent, etc., supplying nozzle that supplies a reducing agent or a reducing agent precursor to the exhaust gas,

characterized in that the exhaust pipe is of a double pipe structure.

30 5. The SCR muffler according to claim 4, characterized in that

a heat retaining material is provided in between an inner pipe and an outer pipe that form the double pipe structure.

6. The SCR muffler according to claim 4, characterized in that
5 there is a space defined between an inner pipe and an outer pipe that form the double pipe structure.